

**REMARKS****Summary of the Office Action**

Claims 1, 4, 7, 10, 12 and 15 stand rejected under 35 U.S.C. § 102(e) as being clearly anticipated by Tomoyuki Okada (U.S. Patent No. 6,148,140) (hereinafter "Okada").

Claims 2, 3, 5, 8, 9, 11, 13, 14 and 16 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Okada, in view of Mitsuyuki Nozaki (U.S. Patent No. 6,501,727) (hereinafter "Nozaki").

Claim 6 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Nozaki, in view of Shinich Kikuchi (U.S. Patent No. 6,553,180) (hereinafter "Kikuchi").

**Summary of the Response to the Office Action**

Claims 1-16 have been newly-amended to differently describe embodiments of the disclosure of the instant application. Claims 1-16 remain pending for consideration.

**Rejections under 35 U.S.C. § 102(e) and 103(a)**

Claims 1, 4, 7, 10, 12 and 15 stand rejected under 35 U.S.C. § 102(e) as being clearly anticipated by Okada. Claims 2, 3, 5, 8, 9, 11, 13, 14 and 16 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Okada, in view of Nozaki. Claim 6 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Nozaki, in view of Kikuchi.

The undersigned would like to thank Examiner's Chowdhury and Tran for their courtesy and consideration extended during the December 11, 2007 telephone interview. As discussed during the interview, it is believed that these rejections are rendered moot in view of the above

amendments to the claims. Specifically, Applicants respectfully submit that Okada fails to teach or suggest at least the generation of information that can reasonably be construed as “first managing control information” based on “second managing control information” as recited in amended independent claims 1, 7 and 12. Again, as discussed during the telephone interview, Applicants submit that nothing in Okada can reasonably be construed as the first and second managing control information having the purpose and relationship as recited even in amended independent claims 1, 7 and 12.

As further discussed, the secondary reference to Nozaki, that was applied to claims 2, 3, 5, 8, 9, 11, 13, 14 and 16, does not cure the deficiencies discussed above with regard to Okada. Similarly, the secondary reference to Kikuchi, that was applied to claim 6, which depends from claim 1, does not cure the deficiencies discussed above with regard to Okada.

Accordingly, Applicants respectfully assert that the rejections under 35 U.S.C. §§ 102(e) and 103(a) should be withdrawn. Furthermore, Applicants respectfully assert that the dependent claims are allowable at least because of their dependence from independent claims 1, 7 and 12, and the reasons set forth above.

### **CONCLUSION**

In view of the foregoing discussion, Applicants respectfully request the entry of the amendments to place the application in clear condition for allowance or, in the alternative, in better form for appeal. Should the Examiner feel that there are any issues outstanding after consideration of this Amendment, the Examiner is invited to contact Applicants' undersigned representative to expedite prosecution. A favorable action is awaited.

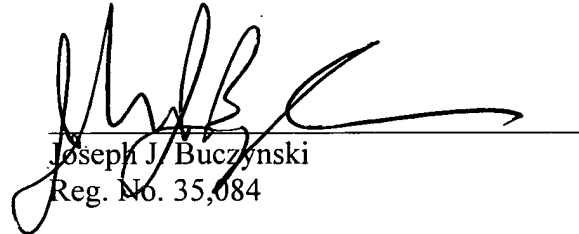
**EXCEPT** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

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Dated: December 13, 2007

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